



Improving Water Quality

Speedway Water Works Capital Projects 2010-2014

Speedway Water Works is in need of approximately \$6.3 million in capital projects, ranging from regulatory updates to structural replacements. These projects are vital to continued water quality operations and safety of Speedway residents and Water Works employees.

Regulatory

Due to new regulations, Speedway Water Works is required to change its water disinfection process. The new UV process will require Speedway Water

Works to continually monitor certain new parameters, which will result in the need for additional monitoring equipment.

Safety

Several projects are required to maintain the safety of the residents of Speedway and the staff of Speedway Water Works. Several outdated water mains will need to be replaced to assure fire protection services. Additionally, intake rehabilitation, fencing and lighting will be updated and installed within the water works facility to continue to ensure the safety of employees.

Rehabilitation and Replacement

In order for Speedway Water Works to continue to produce enough quality water for the Town of Speedway, processes and equipment need to be periodically rehabilitated or replaced. Many items will need replaced because the equipment is too old or too worn to repair.

Rehabilitation Projects:

- Filters
- Wells
- Floc basins

Replacement Projects:

- Appurtenances (hydrants, meters, valves, sampling stations)
- Portable generators
- Trash pumps
- Backhoe
- Dump truck
- Facility trucks
- Chemical feed equipment
- Backwash controls and valves
- Motor control center
- Process control instruments
- Pumps and pump valve controllers
- Wells

Structural

Both Speedway Water Works' Surface Water Treatment Plant and Ground Water Treatment Plant have been around for more than 40 years. Several structural improvements are needed to maintain these facilities, including replacing the roofs, garage and furnaces.

